

### Natural hazards gruop (NHG)

#### Lessopn learnd and outlook

- Natural catastrophes 2021 in Europe and climate change:
  - Hails, heat wave and forest fires, heavy rain and flash floods as impacts of climate change





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#### Lessopn learnd and outlook

- Some initial thoughts in light of the recent natural disasters
  - Are we well prepared for increasing extreme weather events, including efforts based on the introduction of the EU flood directive and national protection program?
  - Should the hazards assessment at all levels (local, regional, national and European) be reviewed in light of the recent disasters?
  - Should the provisions on disaster management and operations not be further optimized related to the expected impacts of climate change, e.g. early warning system and protection measures, also in course of reconstruction, insurance solution, preparation for defense and evacuation?





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- Lesson learnd and outlook
  - Need of review of hazards assessment (local, regional, national and European) also related to wildfire and climate change?
  - Review of the specifications regarding equipment and personnel: Increased European cooperation and preparation of transnational support: ERCC (Emergency Response Coordination Centre) and the national preparation for call and deployment of transnational operations/supports, including the provision of firefighting waters in case of droughts and or heat waves (see also
    Hitzetage ab 30 Grad Celsius nehmen in Deutschland zu Entwicklung der duchschnittlichen Zahl der Hitzetage von 1951 bis 2020
    - the CFPA-E guideline 8 N)?

Increasing number of hot days (> 30 "C) in Germany